Faria 33839

Faria 33839 Chesapeake White SS GPS Speedometer User Manual

Brand: Faria | Model: 33839

Introduction

This manual provides essential instructions for the installation, operation, and maintenance of your Faria 33839 Chesapeake White SS GPS Speedometer. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product. This GPS speedometer is designed for marine applications, providing accurate speed readings without the need for a pitot tube.

Product Overview

The Faria 33839 Chesapeake White SS GPS Speedometer is an auto accessory designed for marine use. It features a classic white dial with a polished stainless steel bezel, providing a clear display of speed in both MPH and Km/h. The unit utilizes GPS technology for speed measurement, offering an alternative to traditional pitot tube systems.

- **Product Type:** Auto Accessory
- **Material:** Plastic housing with stainless steel bezel
- **Connectivity:** Vehicle-specific wired connection (Deutsch connectors)
- **Mounting:** Dashboard Mount
- **Included Components:** Faria 33839 Chesapeake White SS GPS Speedometer unit

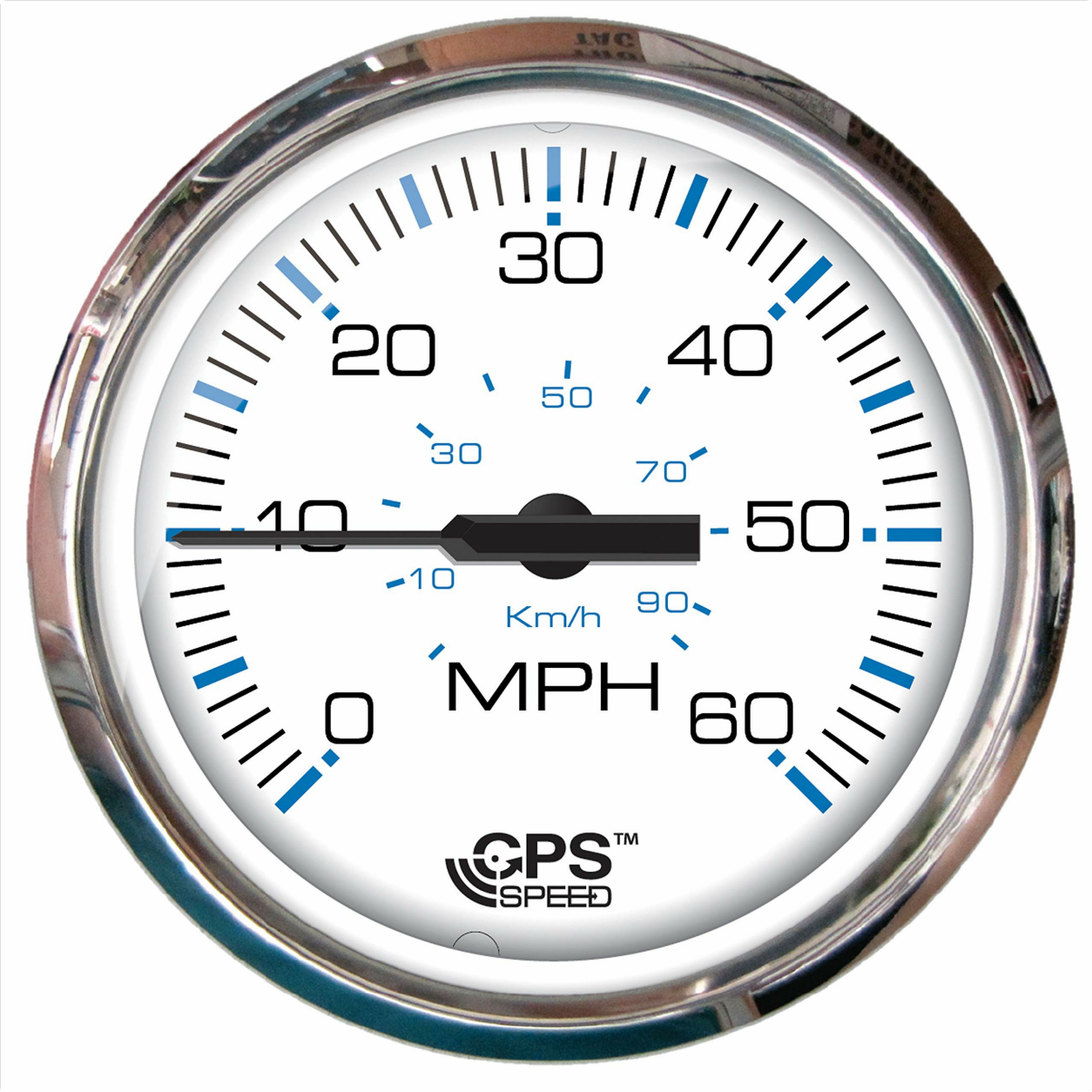

Image Description: A circular marine speedometer gauge with a white face and a polished stainless steel bezel. The dial displays speed from 0 to 60 MPH, with corresponding Km/h markings in smaller blue text. The needle is black with a white tip. The bottom of the dial features a "GPS SPEED" logo. The overall design is clean and classic.

Setup and Installation

Proper installation is crucial for the accurate and reliable operation of your GPS speedometer. It is recommended that installation be performed by a qualified marine technician.

1. **Mounting Location:** Select a suitable dashboard location for mounting. Ensure sufficient clearance behind the dashboard for wiring and the unit's depth. The unit is designed for dashboard mounting.
2. **Wiring Connections:**
    - **Ground (GND):** Connect the ground wire securely to a reliable ground point on your vessel's electrical system.
    - **Constant 12V (B+):** Connect to a constant 12-volt power source. This maintains memory settings.
    - **Ignition 12V (IGN):** Connect to a switched 12-volt power source that activates with your vessel's ignition.
    - **Backlight 12V (LIGHT):** Connect to your vessel's navigation light circuit for illumination.

Ensure all connections are secure and properly insulated to prevent corrosion and electrical issues. The unit uses vehicle-specific wired connections, typically Deutsch connectors.

3. **GPS Antenna:** The GPS receiver is integrated into the unit. For optimal performance, ensure the gauge is mounted in a location with a clear, unobstructed view of the sky. Avoid mounting directly under hardtops, metal structures, or other obstructions that could block satellite signals.
4. **Power On Test:** After installation, power on the vessel's ignition. The gauge needle will perform an initial sweep from 0 to 60 MPH and then settle at 5 MPH while it attempts to acquire satellite signals. This process may take several minutes, especially during the first use or after a long period of inactivity.

Operating Instructions

Operating the Faria 33839 GPS Speedometer is straightforward once installed and powered correctly.

1. **Powering On:** Turn on your vessel's ignition. The speedometer will initiate its power-up sequence.
2. **Satellite Acquisition:** Upon power-up, the gauge needle will sweep from 0 to 60 MPH and then return to 5 MPH. During this time, the unit is searching for and acquiring GPS satellite signals. A slight humming sound may be audible for a few seconds during this initial phase. This process can take up to 5 minutes or more, depending on signal availability and initial setup.
3. **Speed Display:** Once satellite signals are acquired, the needle will drop to 0 MPH (if stationary) and then accurately display your vessel's speed as it moves. The display updates in 1 MPH increments.
4. **Backlight:** The gauge backlight will activate when your vessel's navigation lights are turned on, provided it is wired correctly.

Maintenance

The Faria 33839 GPS Speedometer is designed for durability in marine environments. Minimal maintenance is required.

- **Cleaning:** Clean the gauge face and bezel with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or clear lens.
- **Connections:** Periodically inspect all wiring connections for corrosion or looseness. Ensure they remain secure and watertight.
- **Environmental Protection:** While designed for marine use, protecting the unit from extreme weather conditions when not in use (e.g., with a boat cover) can extend its lifespan.

Troubleshooting

If you encounter issues with your Faria GPS Speedometer, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Gauge needle does not move or sticks at a speed.	• No GPS signal acquired. • Loose or corroded wiring connection. • Unit malfunction.	• Ensure the vessel is in an open area with a clear view of the sky. Allow up to 5 minutes for satellite acquisition. • Check all power and ground connections for security and corrosion. • Power cycle the vessel's ignition. If the problem persists, contact Faria support.
Gauge shows incorrect or erratic speed readings.	• Weak or intermittent GPS signal. • Electrical interference.	• Verify the mounting location has an unobstructed view of the sky. • Check for other electronic devices near the speedometer that might cause interference.
No power to the gauge.	• Blown fuse. • Disconnected power wire.	• Check the fuse in the vessel's electrical panel for the gauge circuit. • Inspect the constant 12V and ignition 12V connections.
Gauge makes a humming sound on power-up, then nothing.	Normal satellite acquisition process.	This is normal behavior. Allow up to 5 minutes for the unit to acquire satellite signals. The needle will sweep and then settle at 5 MPH before dropping to 0 MPH (if stationary) once a signal is established.

Specifications

Model Name:
Faria 33839 Chesapeake White SS GPS

Part Number:
33839

Brand:
Faria

Material:
Plastic (housing), Stainless Steel (bezel)

Item Package Dimensions (L x W x H):
5.24 x 5.12 x 4.92 inches

Item Dimensions (L x W x H):
5.51 x 5 x 5.51 inches

Package Weight:
0.24 Kilograms (approx. 0.53 Pounds)

Mounting Type:
Dashboard Mount

Connectivity Technology:
Vehicle-specific wired connection (Deutsch connectors)

Vehicle Service Type:
Boat

Manufacturer:
FARIA MARINE INSTRUMENTS

Warranty and Support

The Faria 33839 Chesapeake White SS GPS Speedometer is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or contact Faria Marine Instruments directly.
For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Faria Marine Instruments customer support. When contacting support, please have your product model number (33839) and purchase information readily available.
Manufacturer: FARIA MARINE INSTRUMENTS